



Patent
Attorney's Docket No. 032994-099

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Joel Douglas et al.)	Group Art Unit: 3763
Application No.: 10/642,346)	Examiner: Unassigned
Filed: August 18, 2003)	Confirmation No.: 2054
For: MICRO INFUSION DRUG DELIVERY)	
DEVICE)	
)	
)	
)	

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ _____ as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ _____ as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$ _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$ _____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, LLP

Date: May 3, 2004

By: 

David R. Heckadon
Registration No. 50,184

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In re Patent Application of)
Joel Douglas et al.) Group Art Unit: 3763
Application No.: 10/642,346) Examiner: Catherine Serke
Filed: August 18, 2003) Confirmation No.: Unassigned
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**FIRST
INFORMATION DISCLOSURE STATEMENT**

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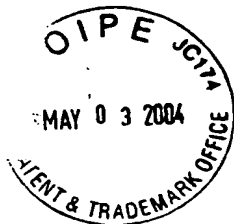
Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Some of the listed documents were previously made of record in prior Application Serial No. 09/845,256, filed May 1, 2001, upon which for the benefits provided in 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98, a copy of each of the listed documents, except those documents which were previously made of record in the prior application, is enclosed.

U.S. Patent Documents

3,595,231	Pistor	07/1971
3,814,097	Ganderton et al.	06/1974
3,963,380	Thomas, Jr. et al.	06/1976
3,964,482	Gerstel et al.	06/1976
3,964,484	Reynolds et al.	06/1976
4,235,234	Whitney et al.	11/1980
4,276,878	Storz	07/1981
4,313,439	Babb et al.	02/1982
4,493,704	Beard et al.	01/1985



U.S. Patent Documents (Cont.)

4,645,495	Vaillancourt	02/1987
4,741,736	Brown	05/1988
4,813,939	Marcus	09/1989
4,856,340	Garrison	08/1989
4,865,591	Sams	09/1989
4,883,472	Michel	11/1989
4,969,871	Theeuwes et al.	11/1990
4,973,318	Holm et al.	11/1990
5,017,190	Simon et al.	05/1991
5,026,357	Przuntek et al.	06/1991
5,261,882	Sealfon	11/1993
5,279,586	Balkwill	01/1994
5,327,033	Guckel et al.	07/1994
5,330,431	Heskowitz	07/1994
5,354,279	Hofling	10/1994
5,391,250	Cheney II et al.	02/1995
5,419,777	Holfing	05/1995
5,437,999	Diebold et al.	08/1995
5,464,395	Faxon et al.	11/1995
5,587,326	Takemura	12/1996
5,637,095	Nason et al.	06/1997
5,640,995	Packard et al.	06/1997
5,644,177	Guckel et al.	07/1997
5,697,901	Eriksson	12/1997
5,716,343	Kriesel et al.	02/1998
5,914,507	Polla et al.	06/1999
5,957,889	Poulsen et al.	09/1999
5,964,729	Choi et al.	10/1999
5,997,501	Gross et al.	12/1999
6,016,693	Viani et al.	01/2000

U.S. Patent Documents (Cont.)

6,022,316	Eppstein et al.	02/2000
6,050,988	Zuck	04/2000
6,083,196	Trautman et al.	07/2000
6,132,755	Eicher et al.	10/2000
6,256,533	Yuzhakov et al.	07/2001
6,302,870	Jacobsen et al.	10/2001
6,482,186	Douglas et al.	11/2002
6,629,949	Douglas et al.	10/2003

Foreign Patent Documents

0 295 075	EP	12/1988
0 323 321	EP	07/1989
0 916 353	EP	05/1999
0 937 475	EP	08/1999
2 628 636	FR	09/1989
WO 93/17754	PCT	09/1993
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WO 96/38190	PCT	12/1996
WO 97/36623	PCT	10/1997
WO 98/57688	PCT	12/1998
WO 99/47341	PCT	09/1999
WO 99/64580	PCT	12/1999
WO 99/16833	PCT	03/2000
WO 00/35530	PCT	06/2000

Non Patent Literature Documents

Tamborlane, W., et al., "Reduction to Normal of Plasma Glucose in Juvenile Diabetes by Subcutaneous Administration of Insulin with a Portable Infusion Pump," The New England Journal of Medicine, 1979, vol. 300, pp. 573-578

Albisser, A.M., et al., "A Portable Precision Pumping System for Chronic, Programmed Insulin Infusion", Medical Progress Through Technology, 1978, Vol. 5, pp. 187-193

Irsigler, et al., "Long-Term Continuous Intravenous Insulin Therapy with a Portable Insulin Dosage-regulating Apparatus", Diabetes, 1979, Vol. 28, pp. 196-203

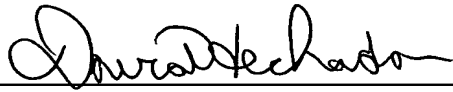
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, LLP

Date: May 3, 2004

By: 
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Substitute for forms 1449A/PTO & 1449B/PTO

ATTORNEY'S DKT NO.
032994-099APPLICATION NO.
10/642,346FIRST INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Joel Douglas et al.FILING DATE
August 18, 2003GROUP
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MAY 03 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	3,595,231		Pistor	07/1971
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	0 295 075		EP	12/1988		
	0 323 321		EP	07/1989		
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NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Tamborlane, W., et al., "Reduction to Normal of Plasma Glucose in Juvenile Diabetes by Subcutaneous Administration of Insulin with a Portable Infusion Pump," The New England Journal of Medicine, 1979, vol. 300, pp. 573-578
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Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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